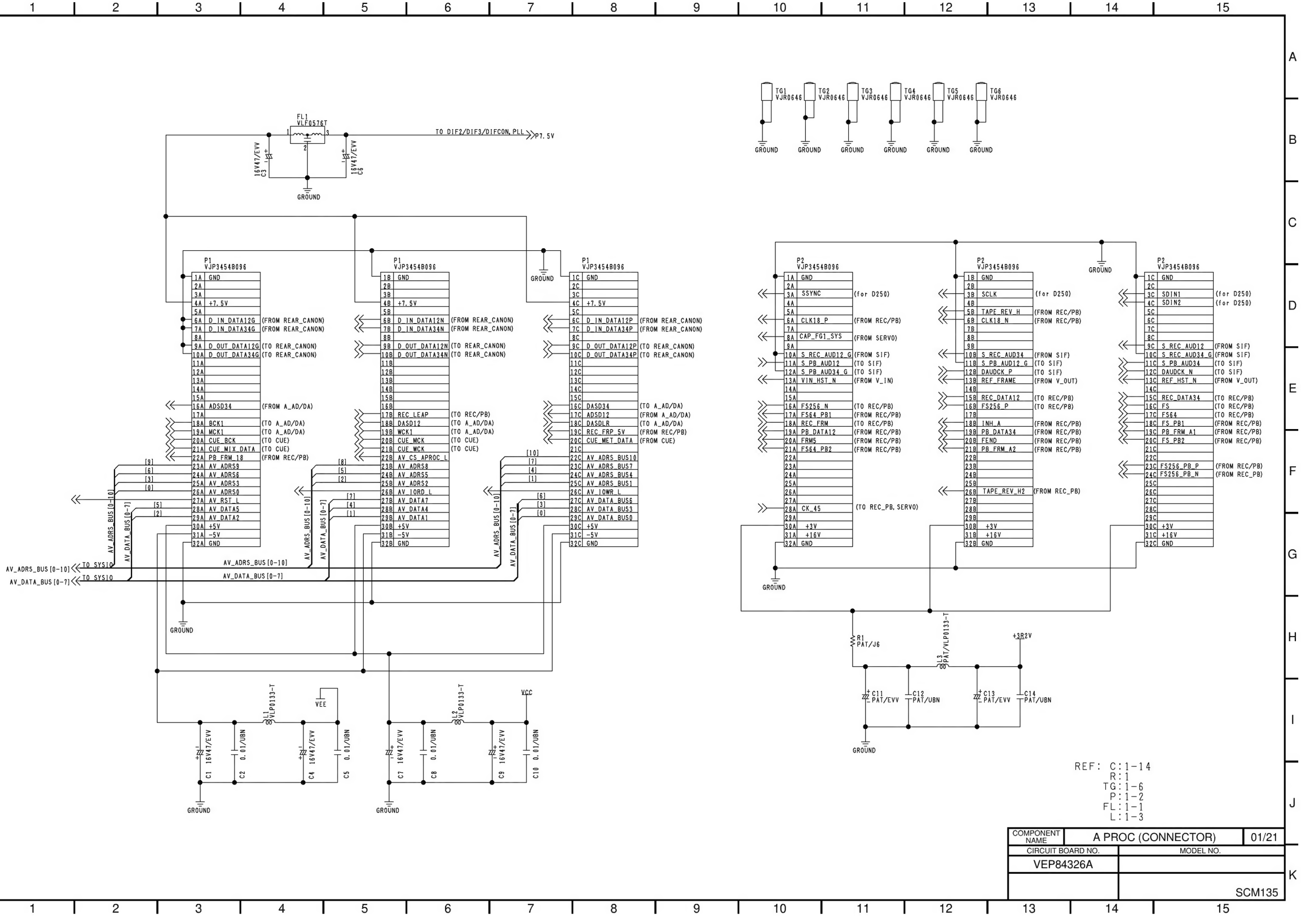
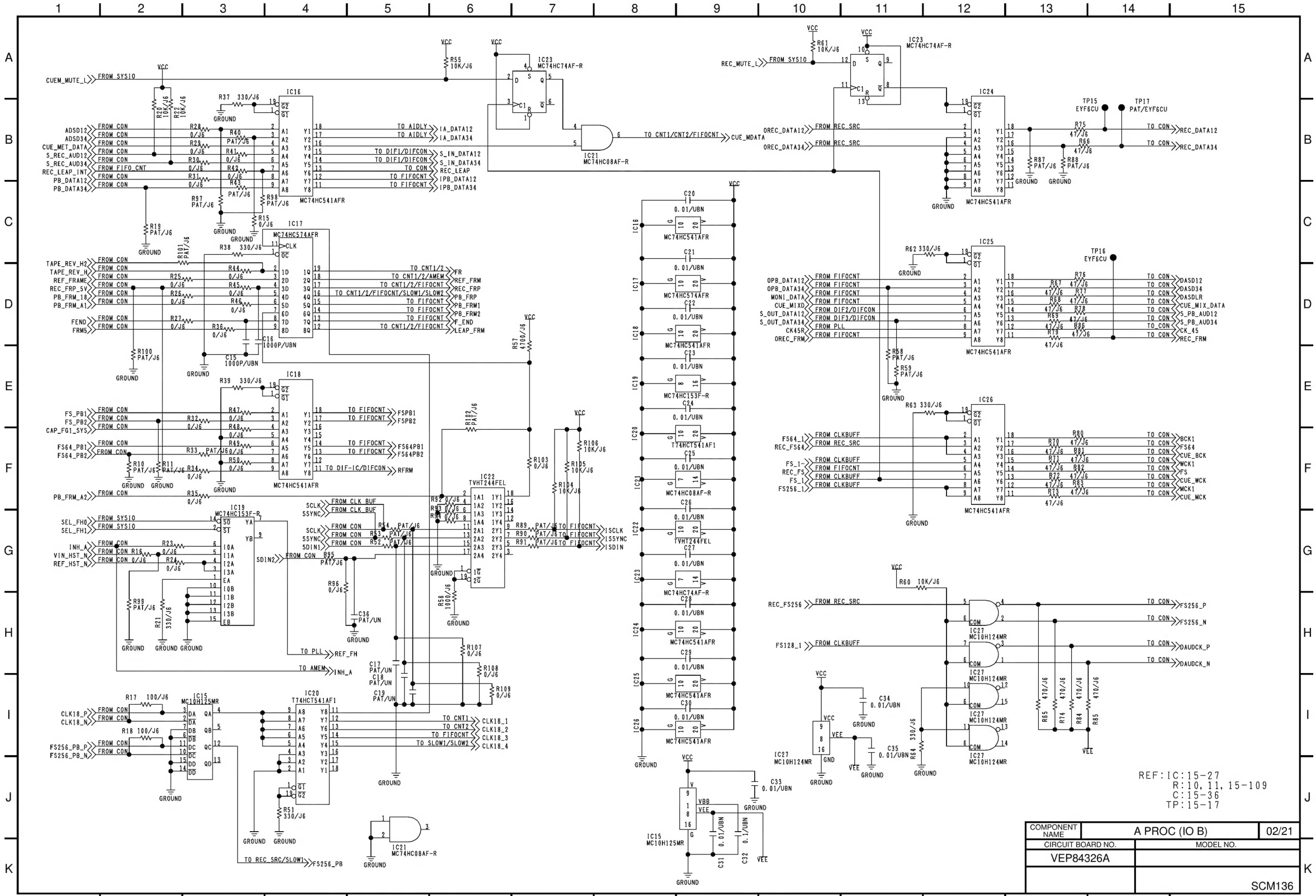
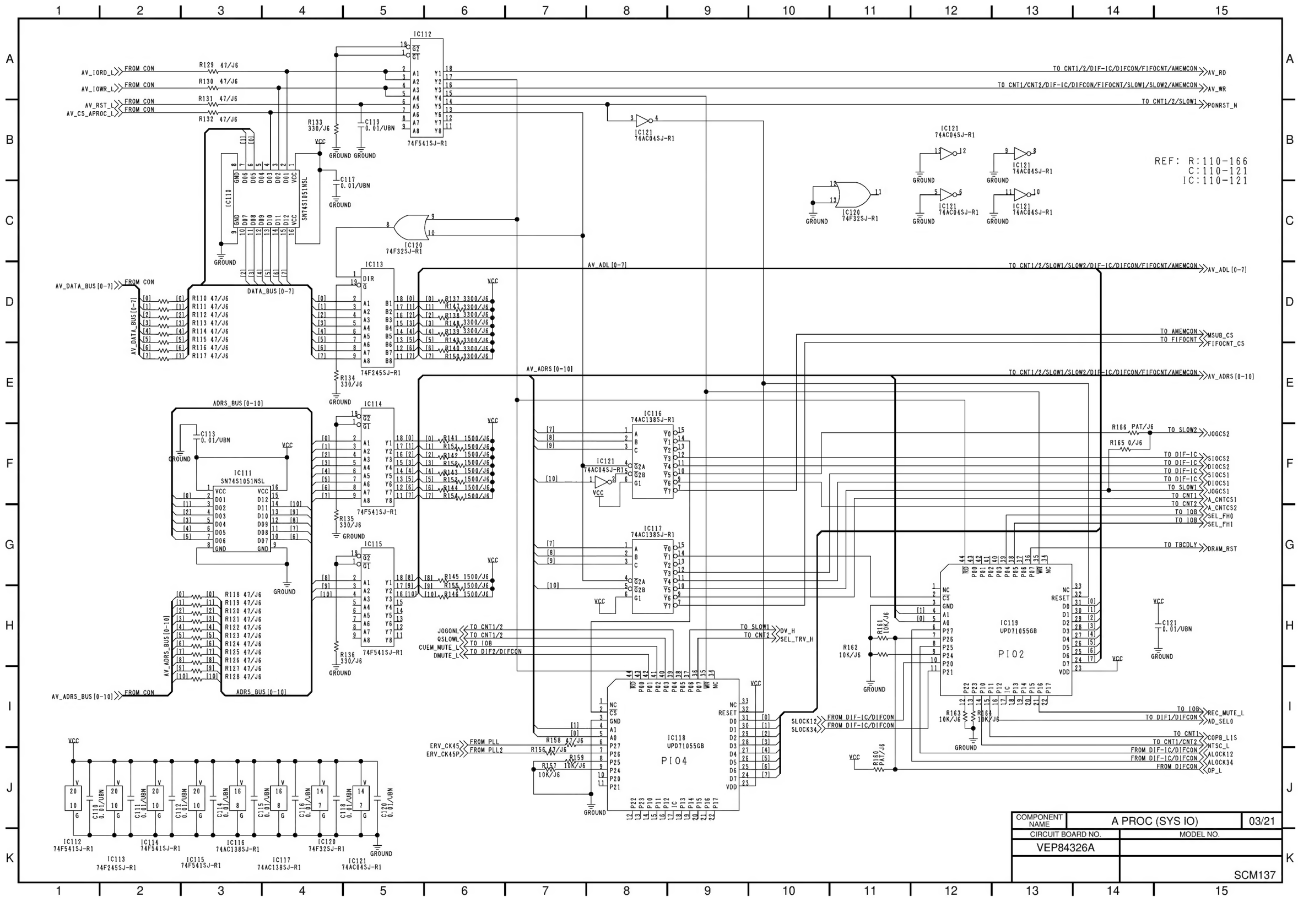


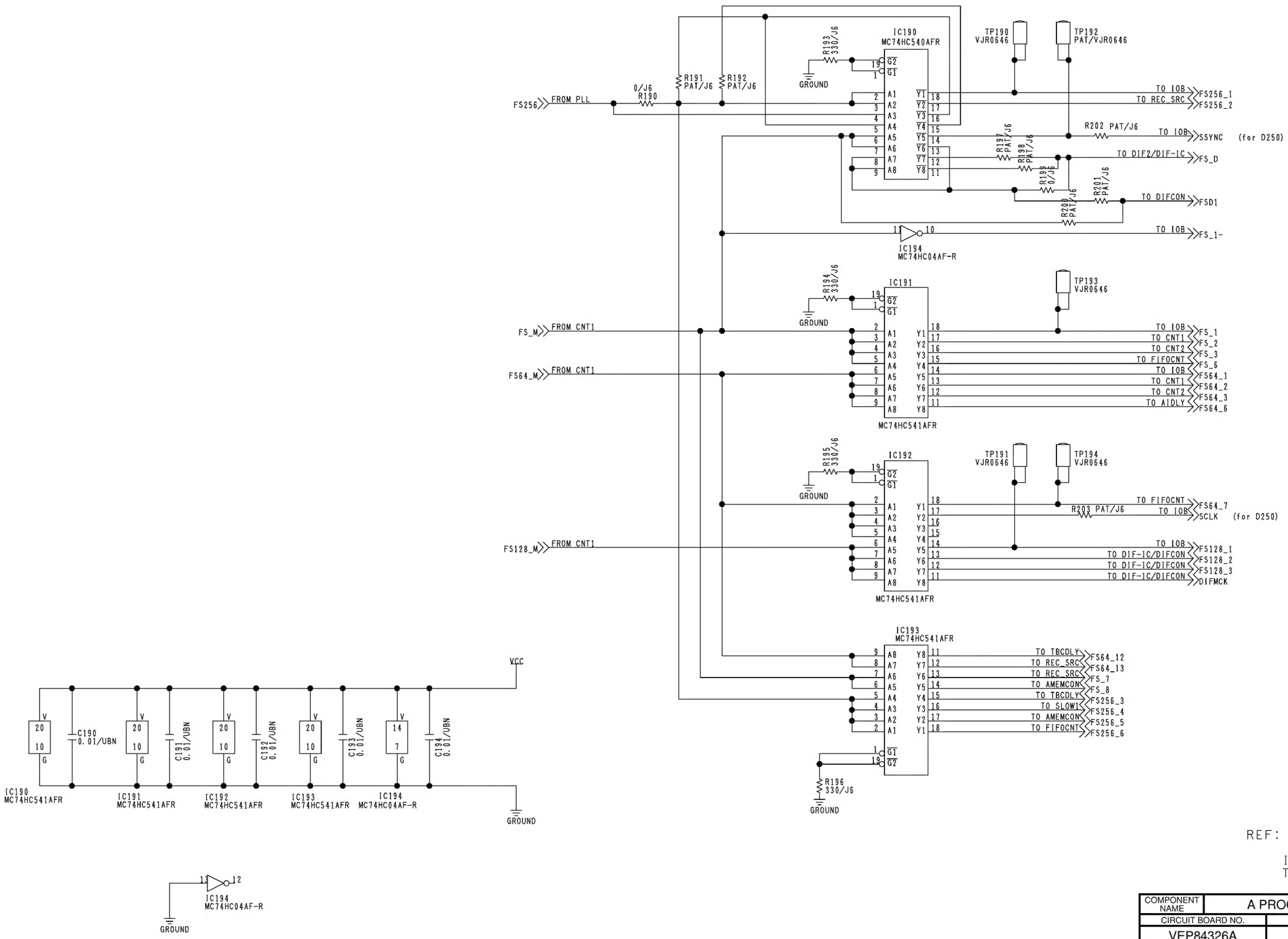
REF: C:1-14
R:1
TG:1-6
P:1-2
FL:1-1
L:1-3

COMPONENT NAME	A PROC (CONNECTOR)	01/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP84326A		
	SCM135	



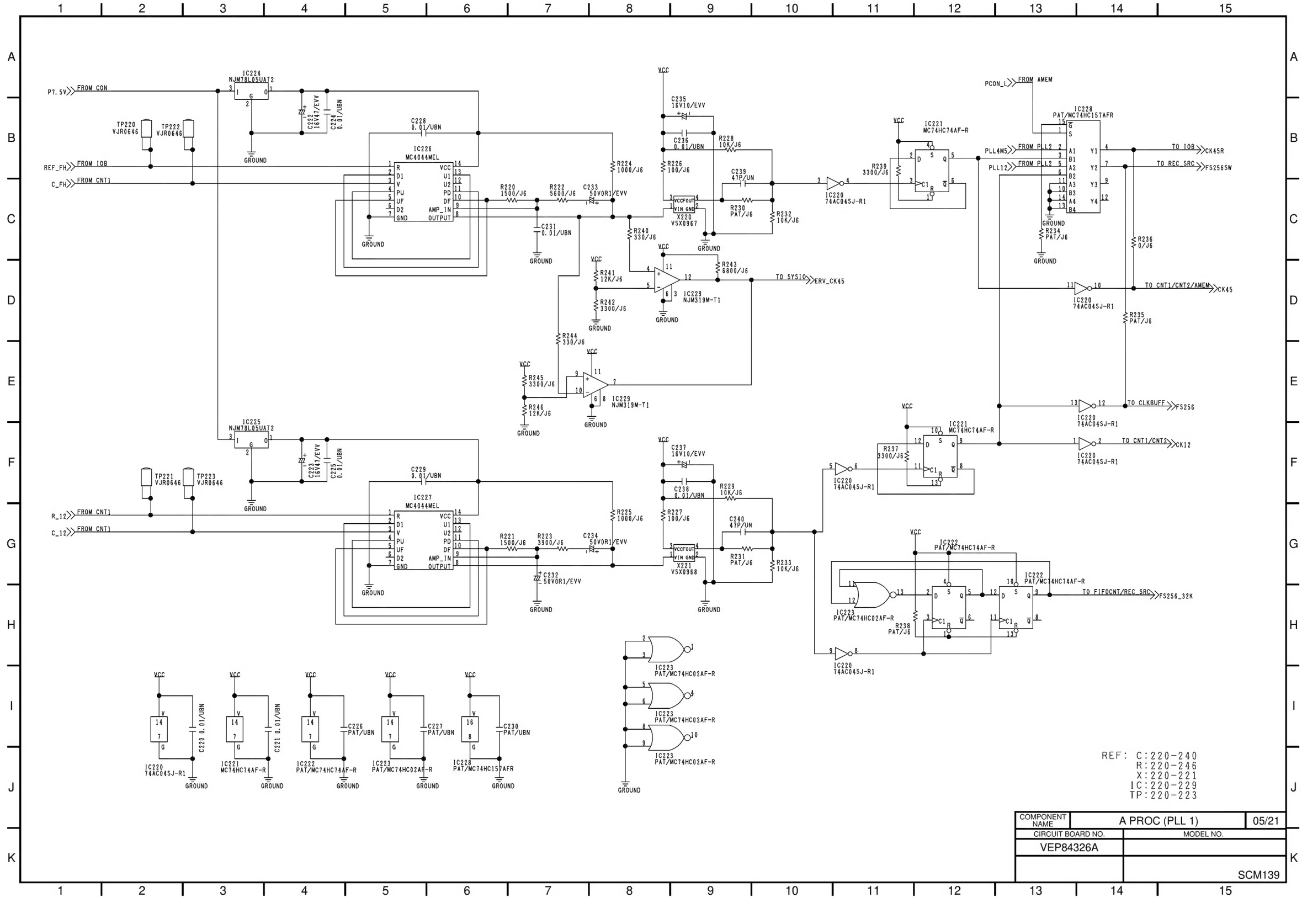
COMPONENT NAME	A PROC (IO B)	02/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP84326A		
		SCM136


IC112
74F541SJ-R1
IC110
SN74S1051NSL
IC111
SN74S1051NSL
IC113
74F245SJ-R1
IC114
74F541SJ-R1
IC115
74F541SJ-R1
IC116
74AC138SJ-R1
IC117
74AC138SJ-R1
IC118
UPD71055GB
PI04
IC119
UPD71055GB
PI02
IC120
74F32SJ-R1
IC121
74AC04SJ-R1
AV_IORD_L
AV_IOWR_L
AV_RST_L
AV_CS_APROC_L
FROM CON
AV_DATA_BUS [0-7]
DATA_BUS [0-7]
AV_ADRS_BUS [0-10]
ADRS_BUS [0-10]
AV_ADL [0-7]
AV_ADRS [0-10]
TO CNT1/2/DIF-IC/DIFCON/FIFOCNT/AMEMCON
AV_RD
AV_WR
PONRST_N
AV_ADL [0-7]
AV_ADRS [0-10]
MSUB_CS
FIFOCNT_CS
JOGCS2
SIOCS2
DIOCS2
SIOCS1
DIOCS1
JOGCS1
A_CNTCS1
A_CNTCS2
SEL_FH0
SEL_FH1
DRAM_RST
REC_MUTE_L
AD_SEL0
COPB_L1S
NTSC_L
ALOCK12
ALOCK34
OP_L
JOGONL
QSLOWL
CUEM_MUTE_L
DMUTE_L
ERV_CK45
ERV_CK45P
FROM PLL
FROM PLL2
SLOCK12
SLOCK34
DV_H
SEL_TRV_H
REF: R:110-166
C:110-121
IC:110-121
COMPONENT NAME
A PROC (SYS IO)
03/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM137



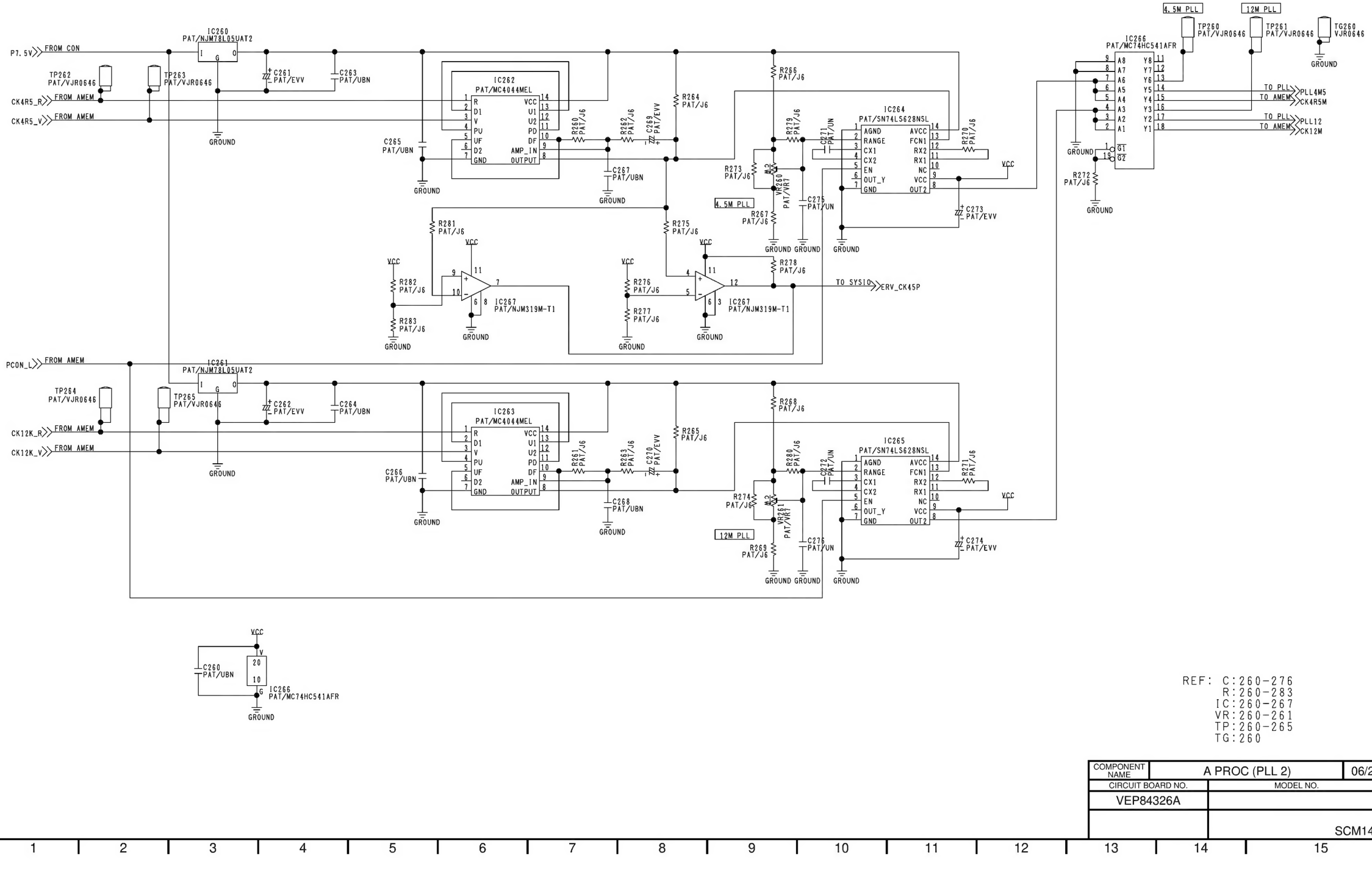
REF: C:190-194
R:190-203
IC:190-194
TP:190-194

COMPONENT NAME	A PROC (CLK BUFF)	04/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP84326A		
		SCM138



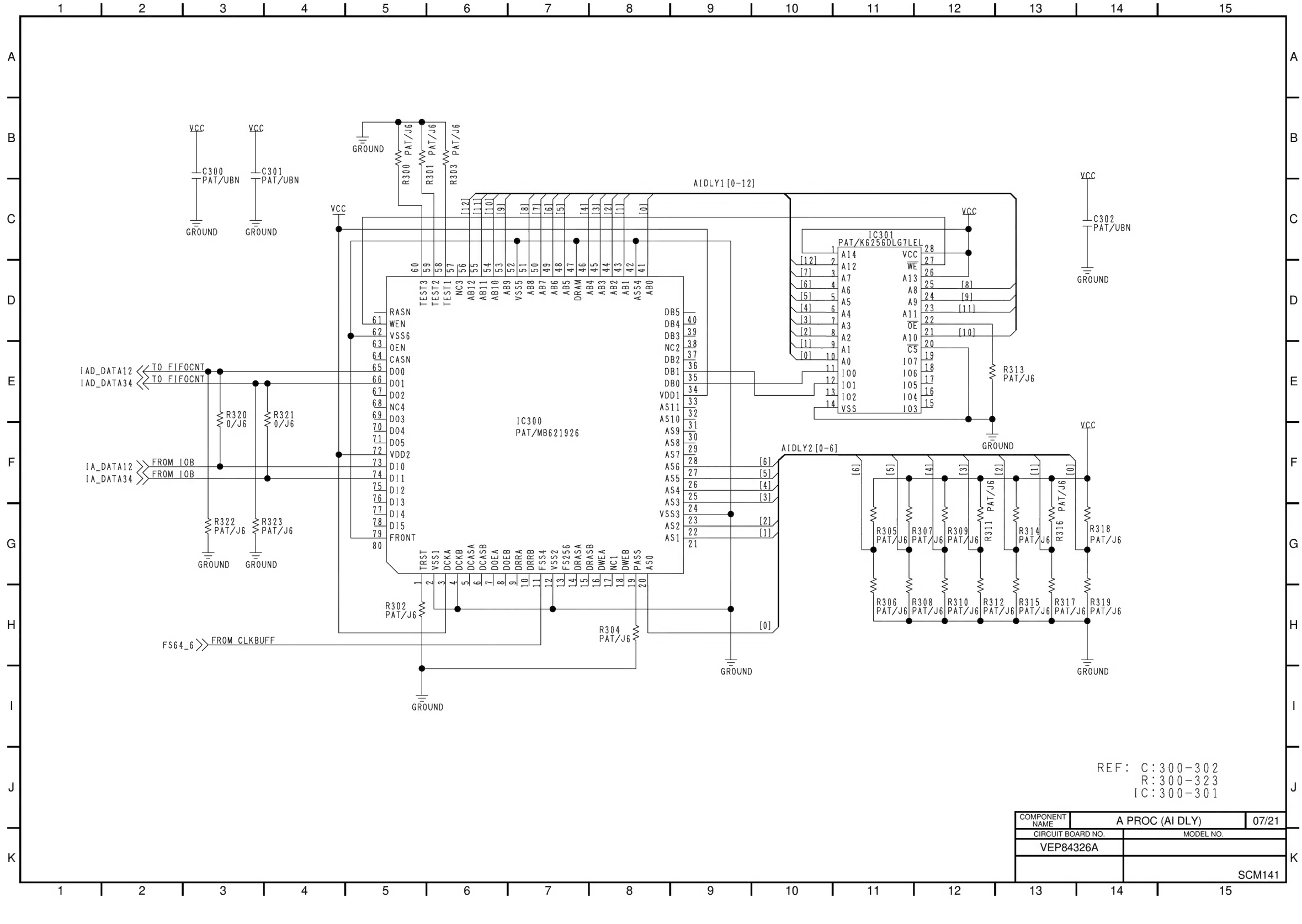
REF: C:220-240
R:220-246
X:220-221
IC:220-229
TP:220-223

COMPONENT NAME	A PROC (PLL 1)	05/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP84326A		
	SCM139	



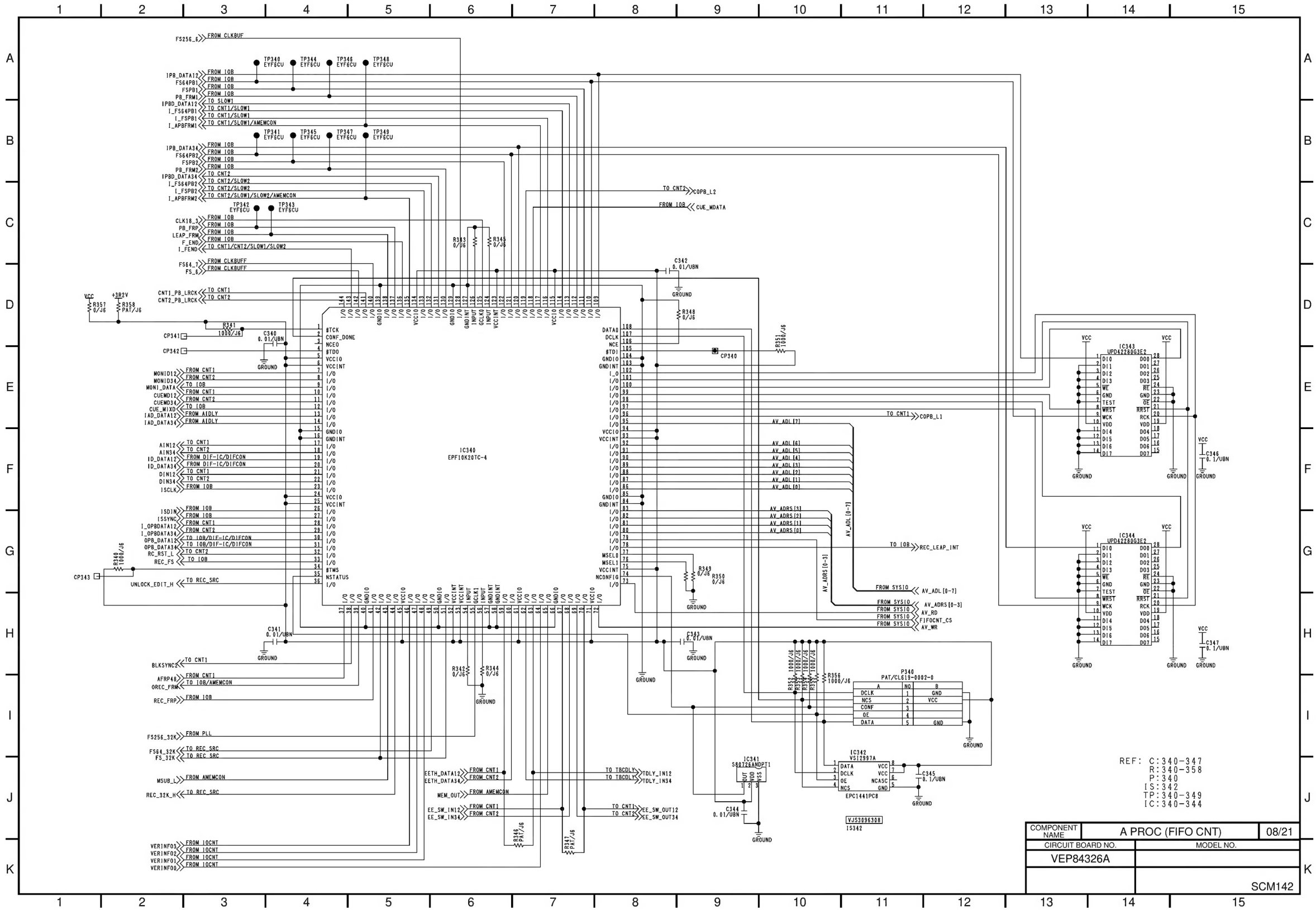
REF: C:260-276
R:260-283
IC:260-267
VR:260-261
TP:260-265
TG:260

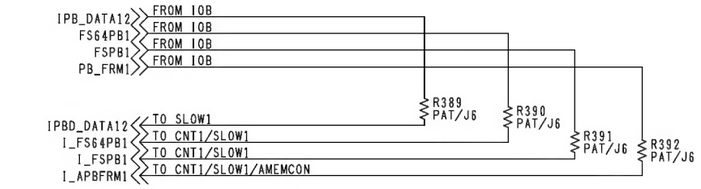
COMPONENT NAME	A PROC (PLL 2)	06/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP84326A		
	SCM140	

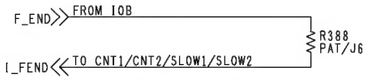


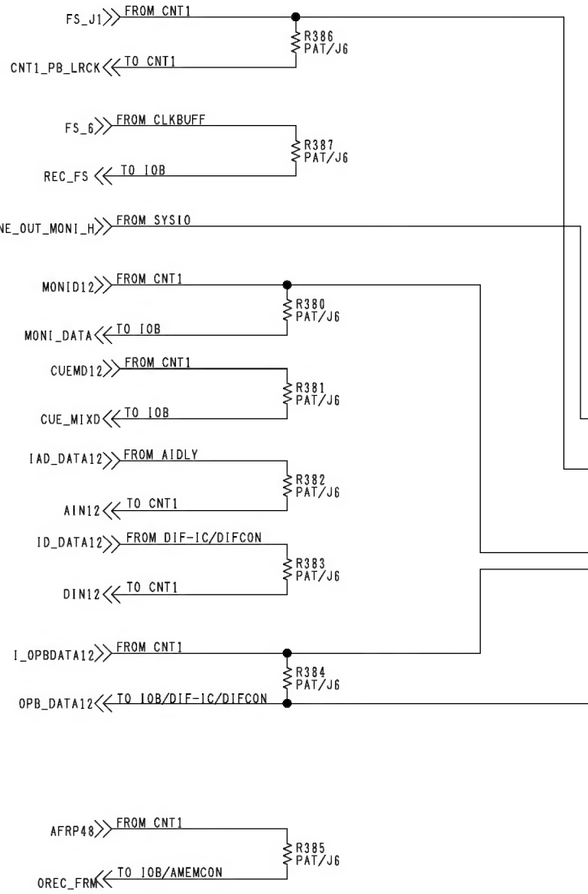
REF: C:300-302
R:300-323
IC:300-301

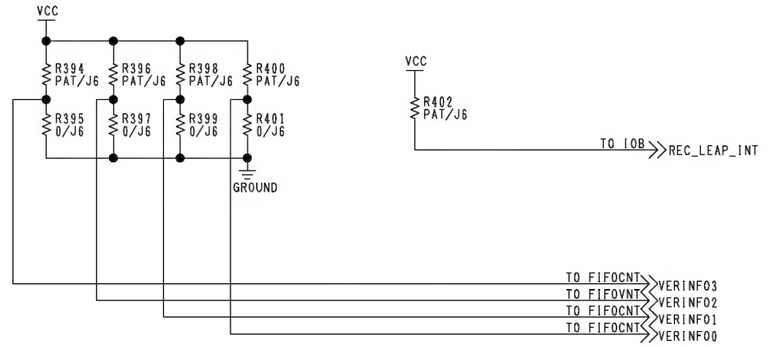
COMPONENT NAME	A PROC (AI DLY)	07/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP84326A		
		SCM141

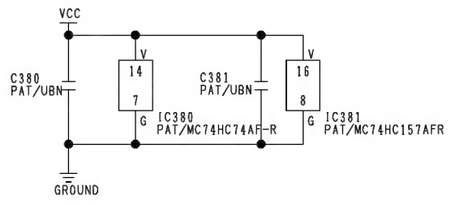

IC340
EPF10K20TC-4
IC341
S80726ANDPT1
IC342
VSI2997A
EPC1441PC8
IC343
UPD42280G3E2
IC344
UPD42280G3E2
P340
PAT/CL619-0002-0
IS342
TP340 EYF6CU
TP341 EYF6CU
TP342 EYF6CU
TP343 EYF6CU
TP344 EYF6CU
TP345 EYF6CU
TP346 EYF6CU
TP347 EYF6CU
TP348 EYF6CU
TP349 EYF6CU
C340 0.01/UBN
C341 0.01/UBN
C342 0.01/UBN
C343 0.01/UBN
C344 0.01/UBN
C345 0.1/UBN
C346 0.1/UBN
C347 0.1/UBN
R333 0/J6
R340 1000/J6
R341 1000/J6
R342 0/J6
R343 0/J6
R344 0/J6
R345 0/J6
R346 PAT/J6
R347 PAT/J6
R348 0/J6
R349 0/J6
R350 0/J6
R351 1000/J6
R352 1000/J6
R353 1000/J6
R354 1000/J6
R355 1000/J6
R356 1000/J6
R357 0/J6
R358 PAT/J6
CP340
CP341
CP342
CP343
GROUND
VCC
+3R2V
FROM CLKBUF
FROM IOB
FROM CLKBUFF
TO CNT1
TO CNT2
TO SLOW1
TO CNT1/SLOW1
TO CNT1/SLOW1/AMEMCON
TO CNT2/SLOW2
TO CNT2/SLOW1/SLOW2/AMEMCON
TO CNT1/CNT2/SLOW1/SLOW2
FROM CNT1
FROM CNT2
TO IOB
FROM AIDLY
FROM DIF-IC/DIFCON
TO IOB/DIF-IC/DIFCON
TO REC_SRC
FROM PLL
FROM AMEMCON
TO REC_SRC
FROM IOCNT
TO TBCDLY
TO CNT1
TO CNT2
FROM AMEMCON
FROM CNT1
FROM CNT2
TO CNT1
TO CNT2
TO CNT2
COPB_L2
FROM IOB
CUE_WDATA
TO CNT1
COPB_L1
TO IOB
REC_LEAP_INT
FROM SYSIO
AV_ADL[0-7]
AV_ADRS[0-3]
AV_RD
FIFOCNT_CS
AV_WR
AV_ADL[7]
AV_ADL[6]
AV_ADL[5]
AV_ADL[4]
AV_ADL[3]
AV_ADL[2]
AV_ADL[1]
AV_ADL[0]
AV_ADRS[3]
AV_ADRS[2]
AV_ADRS[1]
AV_ADRS[0]
IPB_DATA12
FS64PB1
FSPB1
PB_FRM1
IPBD_DATA12
I_FS64PB1
I_FSPB1
I_APBFRM1
IPB_DATA34
FS64PB2
FSPB2
PB_FRM2
IPBD_DATA34
I_FS64PB2
I_FSPB2
I_APBFRM2
CLK18_3
PB_FRP
LEAP_FRM
F_END
I_FEND
FS64_7
FS_6
CNT1_PB_LRCK
CNT2_PB_LRCK
MONID12
MONID34
MONI_DATA
CUEMD12
CUEMD34
CUE_MIXD
IAD_DATA12
IAD_DATA34
AIN12
AIN34
ID_DATA12
ID_DATA34
DIN12
DIN34
ISCLK
ISDIN
ISSYNC
I_OPBDATA12
I_OPBDATA34
OPB_DATA12
OPB_DATA34
RC_RST_L
REC_FS
UNLOCK_EDIT_H
BLKSYNC2
AFRP48
OREC_FRM
REC_FRP
FS256_32K
FS64_32K
FS_32K
MSUB_L
REC_32K_H
VERINFO3
VERINFO2
VERINFO1
VERINFO0
EEITH_DATA12
EEITH_DATA34
MEM_OUT
EE_SW_IN12
EE_SW_IN34
TDLY_IN12
TDLY_IN34
EE_SW_OUT12
EE_SW_OUT34
REF: C:340-347
R:340-358
P:340
IS:342
TP:340-349
IC:340-344
COMPONENT NAME
A PROC (FIFO CNT)
08/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM142

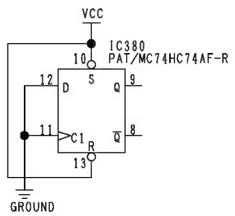






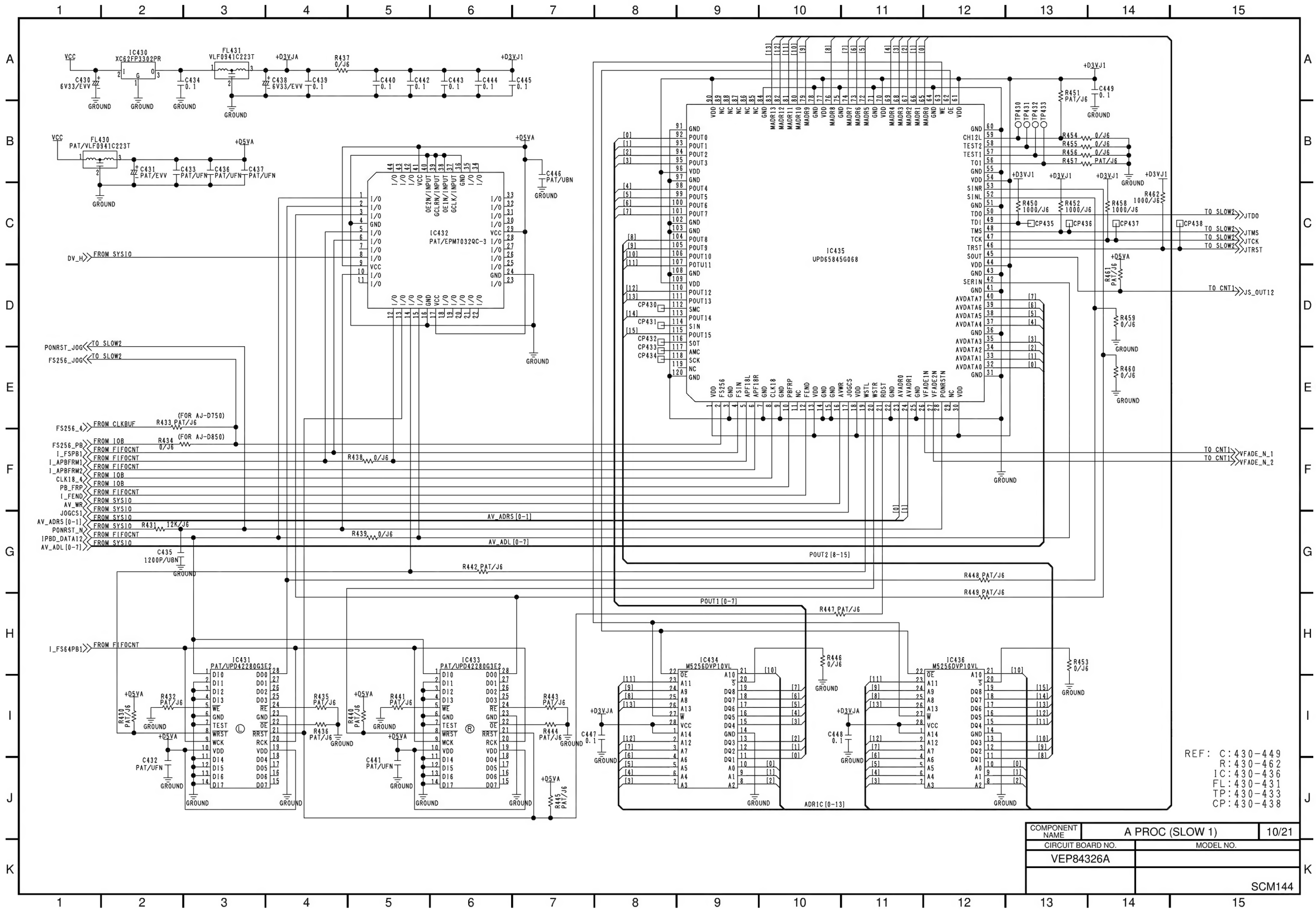


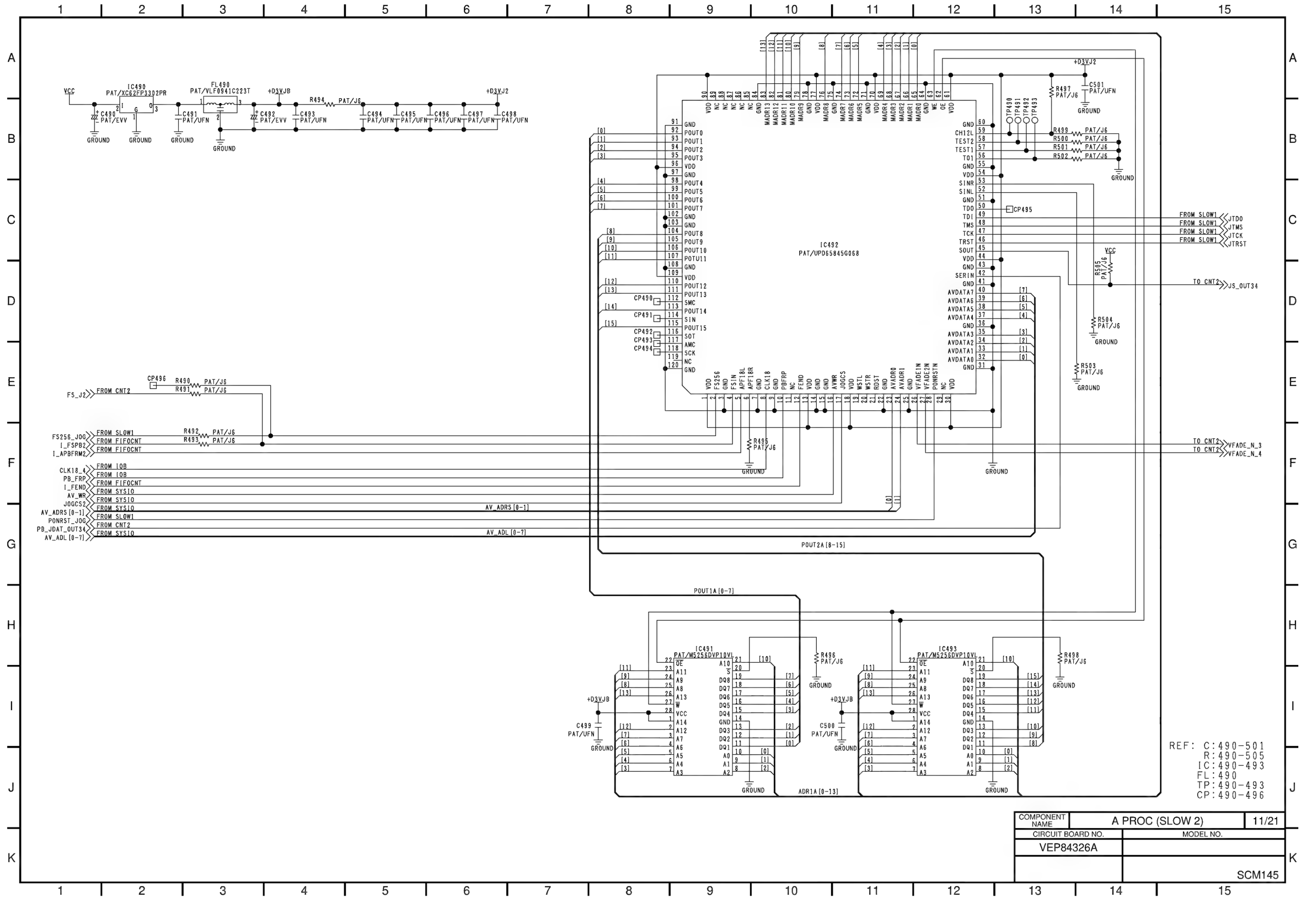


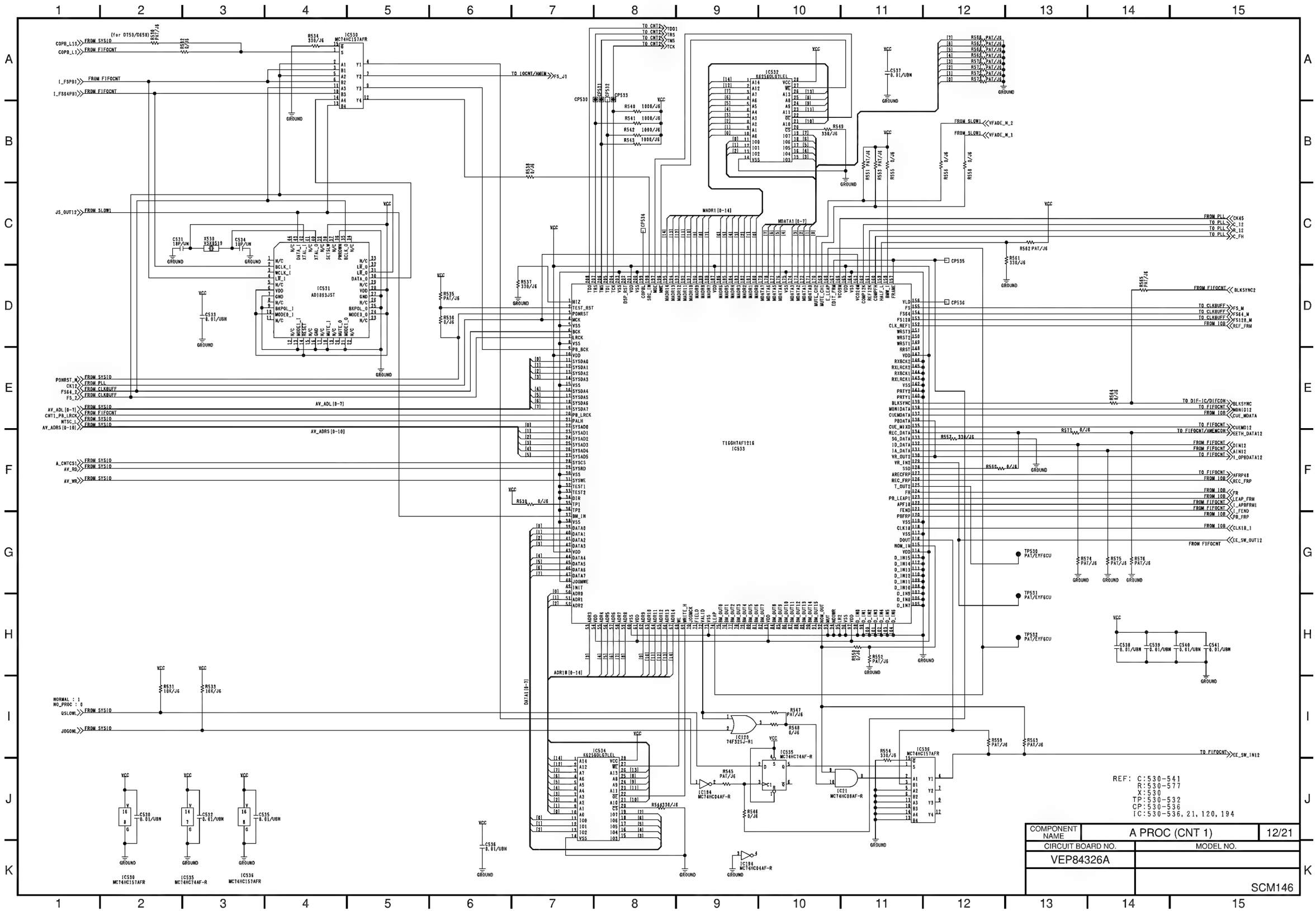


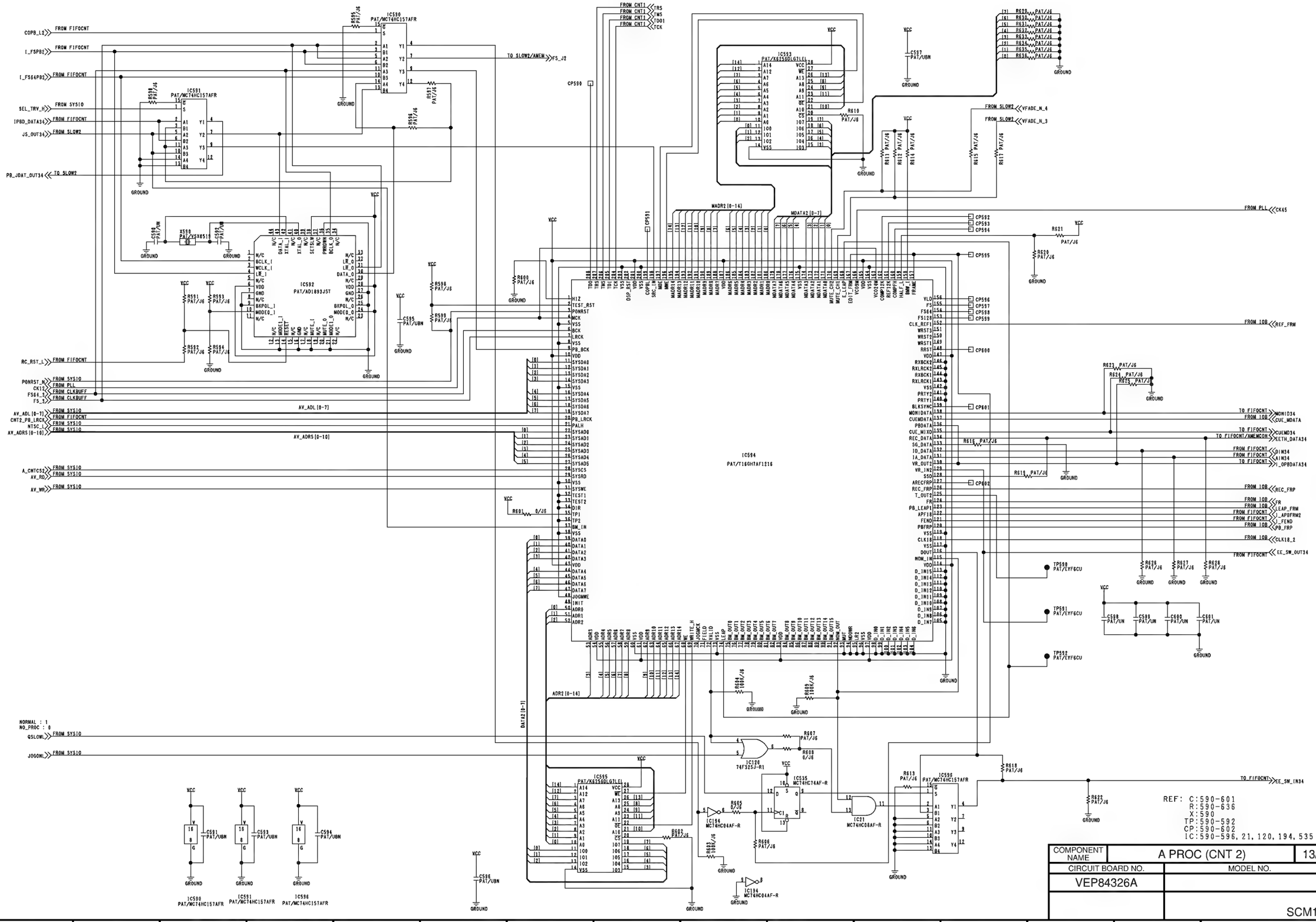
REF: C:380-381
R:380-402
IC:380-381

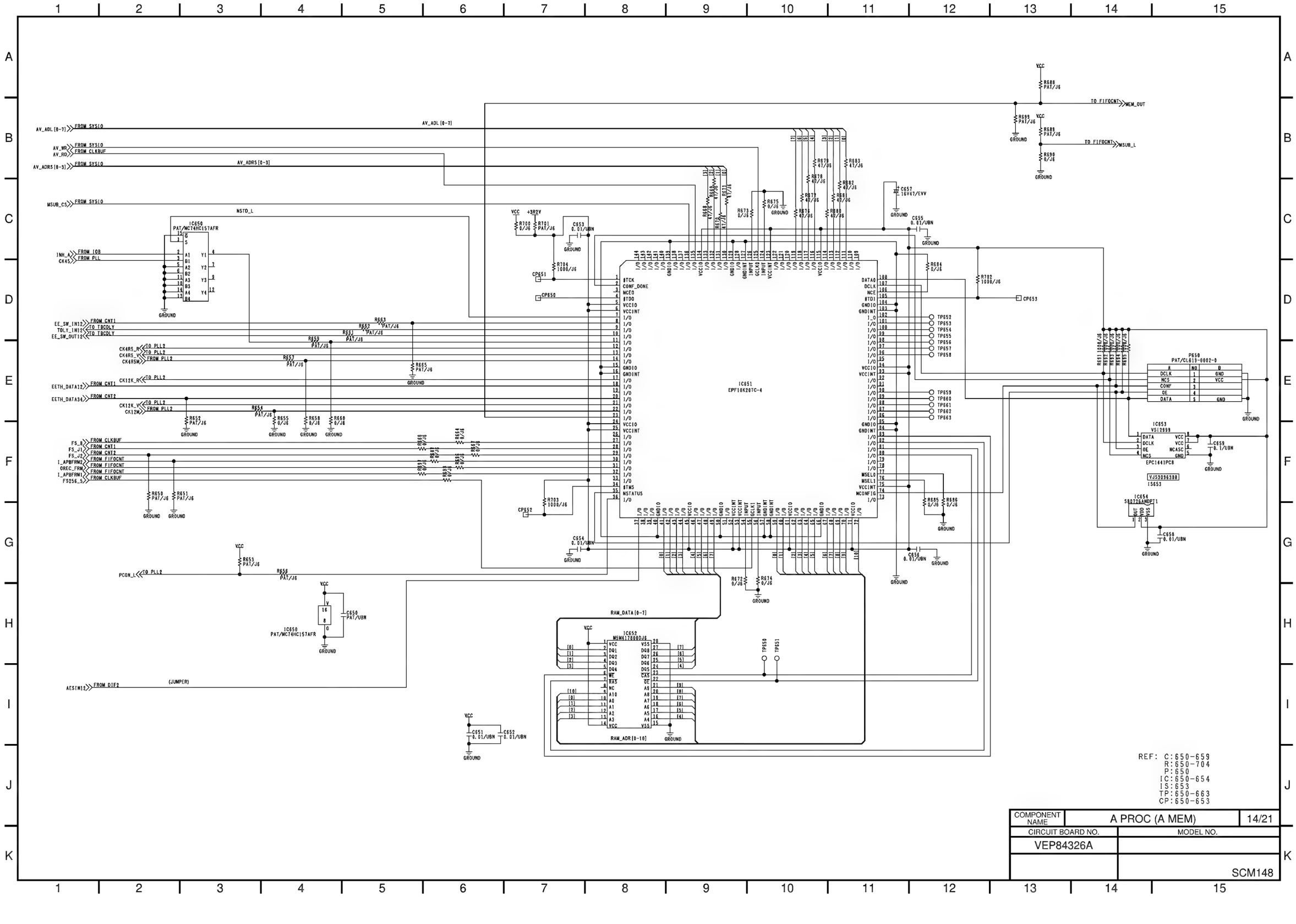
COMPONENT NAME	A PROC (IO CNT)	09/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP84326A		
		SCM143

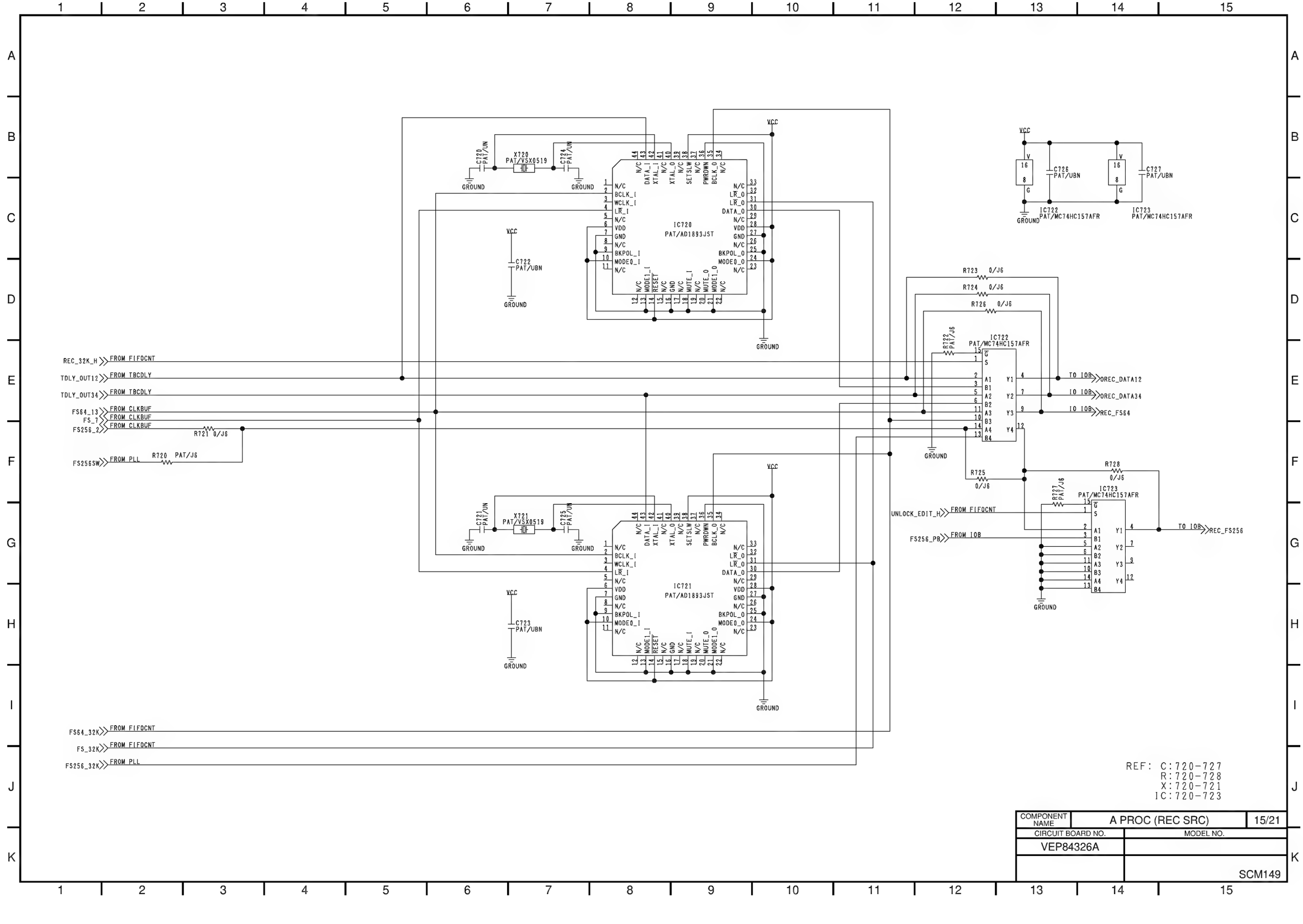

IC430 XC62FP3302PR
FL431 VLF0941C223T
FL430 PAT/VLF0941C223T
IC432 PAT/EPM7032QC-3
IC435 UPD65845G068
IC431 PAT/UPD42280G3E2
IC433 PAT/UPD42280G3E2
IC434 M5256DVP10VL
IC436 M5256DVP10VL
+D3VJA
+D3VJ1
+D5VA
GROUND
DV_H FROM SYSIO
PONRST_J06 TO SLOW2
FS256_J06 TO SLOW2
FS256_4 FROM CLKBUF
FS256_P8 FROM IOB
I_FSP81 FROM FIFOCNT
I_APBFRM1 FROM FIFOCNT
I_APBFRM2 FROM IOB
CLK18_4 FROM IOB
PB_FRP FROM FIFOCNT
I_FEND FROM SYSIO
AV_WR FROM SYSIO
JOGCS1 FROM SYSIO
AV_ADRS [0-1]
PONRST_N FROM FIFOCNT
IPBD_DATA12 FROM SYSIO
AV_ADL [0-7]
I_FS64PB1 FROM FIFOCNT
POUT1 [0-7]
POUT2 [8-15]
ADR1C [0-13]
TO SLOW2 JTDO
TO SLOW2 JTMS
TO SLOW2 JTCK
TO SLOW2 JTRST
TO CNT1 JS_OUT12
TO CNT1 VFADE_N_1
TO CNT1 VFADE_N_2
R433 PAT/J6 (FOR AJ-D750)
R434 0/J6 (FOR AJ-D850)
R431 12K/J6
R438 0/J6
R439 0/J6
R442 PAT/J6
R448 PAT/J6
R449 PAT/J6
R447 PAT/J6
R450 1000/J6
R452 1000/J6
R458 1000/J6
R462 1000/J6
R454 0/J6
R455 0/J6
R456 0/J6
R457 PAT/J6
R451 PAT/J6
R459 0/J6
R460 0/J6
R461 PAT/J6
R446 0/J6
R453 0/J6
C435 1200P/UBN
C446 PAT/UBN
C430 6V33/EVV
C438 6V33/EVV
C439 0.1
C440 0.1
C442 0.1
C443 0.1
C444 0.1
C445 0.1
C449 0.1
C431 PAT/EVV
C433 PAT/UFN
C436 PAT/UFN
C437 PAT/UFN
C432 PAT/UFN
C441 PAT/UFN
C447 0.1
C448 0.1
CP430
CP431
CP432
CP433
CP434
CP435
CP436
CP437
CP438
TP430
TP431
TP432
TP433
REF: C:430-449
R:430-462
IC:430-436
FL:430-431
TP:430-433
CP:430-438
COMPONENT NAME
A PROC (SLOW 1)
10/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM144


IC490
PAT/XC62FP3302PR
FL490
PAT/VLF0941C223T
C490 PAT/EVV
C491 PAT/UFN
C492 PAT/EVV
C493 PAT/UFN
C494 PAT/UFN
C495 PAT/UFN
C496 PAT/UFN
C497 PAT/UFN
C498 PAT/UFN
R494 PAT/J6
+D3VJB
+D3VJ2
VCC
GROUND
IC492
PAT/UPD65845G068
C501 PAT/UFN
R497 PAT/J6
R499 PAT/J6
R500 PAT/J6
R501 PAT/J6
R502 PAT/J6
TP490
TP491
TP492
TP493
CP495
R505 PAT/J6
R504 PAT/J6
R503 PAT/J6
TO CNT2 JS_OUT34
FROM SLOW1 JTDO
FROM SLOW1 JTMS
FROM SLOW1 JTCK
FROM SLOW1 JTRST
CP496
R490 PAT/J6
R491 PAT/J6
R492 PAT/J6
R493 PAT/J6
R495 PAT/J6
FS_J2 FROM CNT2
FS256_JOG FROM SLOW1
I_FSPB2 FROM FIFOCNT
I_APBFRM2 FROM FIFOCNT
CLK18_4 FROM IOB
PB_FRP FROM IOB
I_FEND FROM FIFOCNT
AV_WR FROM SYSIO
JOGCS2 FROM SYSIO
AV_ADRS [0-1] FROM SYSIO
PONRST_JOG FROM SLOW1
PB_JDAT_OUT34 FROM CNT2
AV_ADL [0-7] FROM SYSIO
TO CNT2 VFADE_N_3
TO CNT2 VFADE_N_4
AV_ADRS [0-1]
AV_ADL [0-7]
POUT2A [8-15]
POUT1A [0-7]
ADR1A [0-13]
IC491
PAT/M5256DVP10VL
IC493
PAT/M5256DVP10VL
C499 PAT/UFN
C500 PAT/UFN
R496 PAT/J6
R498 PAT/J6
CP490
CP491
CP492
CP493
CP494
REF: C:490-501
R:490-505
IC:490-493
FL:490
TP:490-493
CP:490-496
COMPONENT NAME
A PROC (SLOW 2)
11/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM145


IC530 MC74HC157AFR
IC531 AD1893JST
IC532 K6R4004V1E-JC10
IC533 T16GH7AF1218
IC534 K6R4004V1E-JC10
IC535 MC74HC74AF-R
IC536 MC74HC157AFR
IC539 MC74HC157AFR
IC120 74F32SJ-R1
IC184 MC74HC04AF-R
IC21 MC74HC08AF-R
MADR1[0-14]
MDATA1[0-7]
AV_ADL[0-7]
AV_ADRS[0-10]
DATA1[0-7]
ADR1B[0-14]
TO CNT2
FROM SYSIO
FROM FIFOCNT
FROM SLOW1
FROM PLL
FROM CLKBUFF
FROM 1OB
TO 1OCNT/AMEM
TO DIF-IC/DIFCOM
TO FIFOCNT
TO FIFOCNT/AMEMCOM
TO CLKBUFF
TO PLL
GROUND
VCC
REF: C:530-541
R:530-577
X:530
TP:530-532
CP:530-536
IC:530-536, 21, 120, 194
COMPONENT NAME
A PROC (CNT 1)
12/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM146

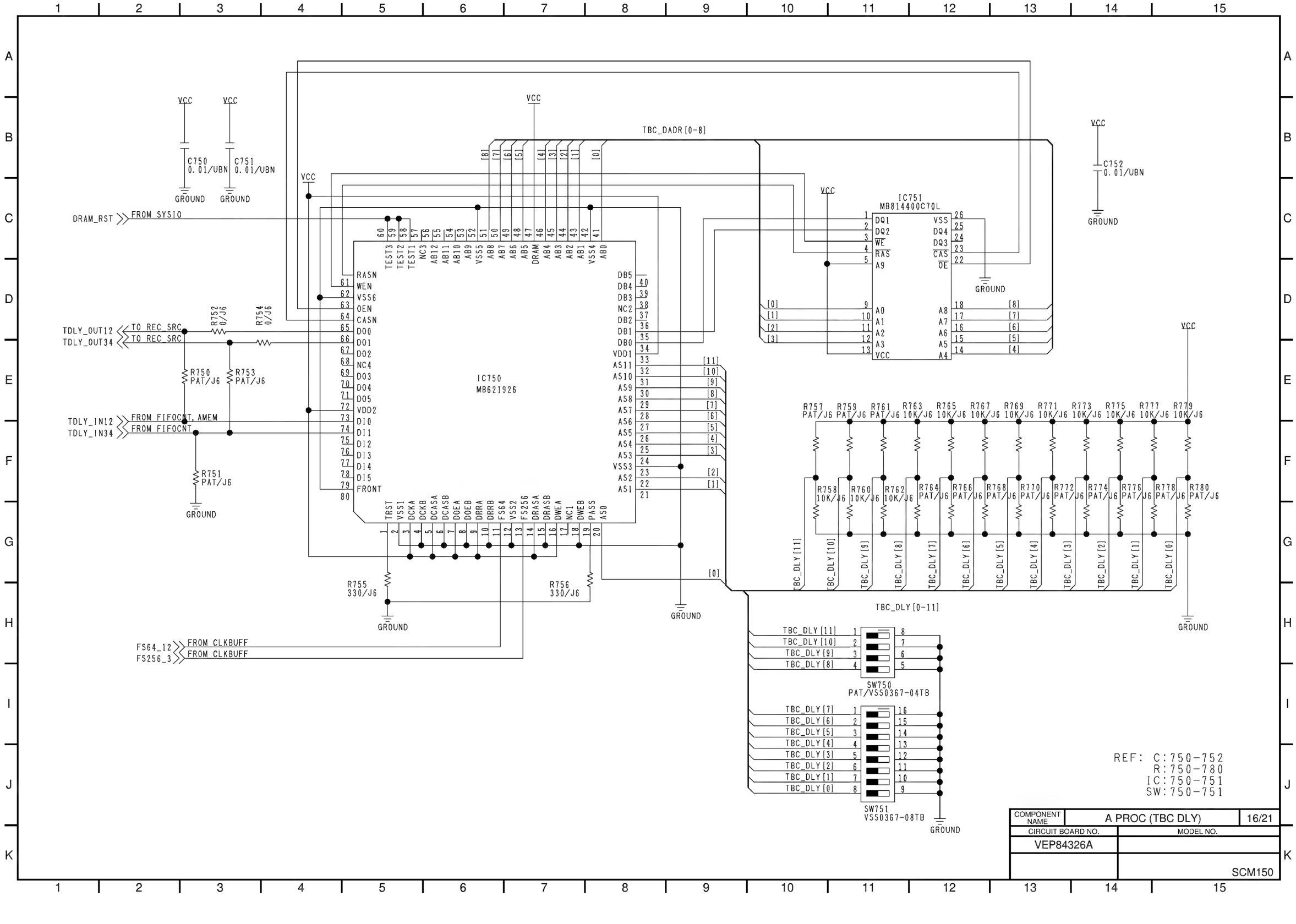

IC590 PAT/MC74HC157AFR
IC591 PAT/MC74HC157AFR
IC592 PAT/AD1893JST
X590 PAT/VSX6519
IC593 PAT/K6T1008U2E-YL70
IC594 PAT/T16GHTAF1216
IC595 PAT/K6T1008U2E-YL70
IC596 PAT/MC74HC157AFR
IC124 74F32SJ-R1
IC535 MC74HC74AF-R
IC21 MC74HC08AF-R
IC194 MC74HC04AF-R
CP590
CP591
CP592
CP593
CP594
CP595
CP596
CP597
CP598
CP599
CP600
CP601
CP602
TP590 PAT/EYF6CU
TP591 PAT/EYF6CU
TP592 PAT/EYF6CU
VCC
GROUND
FROM FIFOCNT
FROM SYSIO
FROM SLOW2
FROM CLKBUFF
FROM CNT1
FROM PLL
FROM IOB
TO SLOW2
TO SLOW2/AMEM
TO FIFOCNT
TO FIFOCNT/AMEMCON
FROM SLOW2
AV_ADL [0-7]
AV_ADR5 [0-10]
ADR2 [0-14]
DAT42 [0-7]
MADR2 [0-14]
MDAT42 [0-7]
REF: C:590-601
R:590-636
X:590
TP:590-592
CP:590-602
IC:590-596, 21, 120, 194, 535
COMPONENT NAME
A PROC (CNT 2)
13/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM147

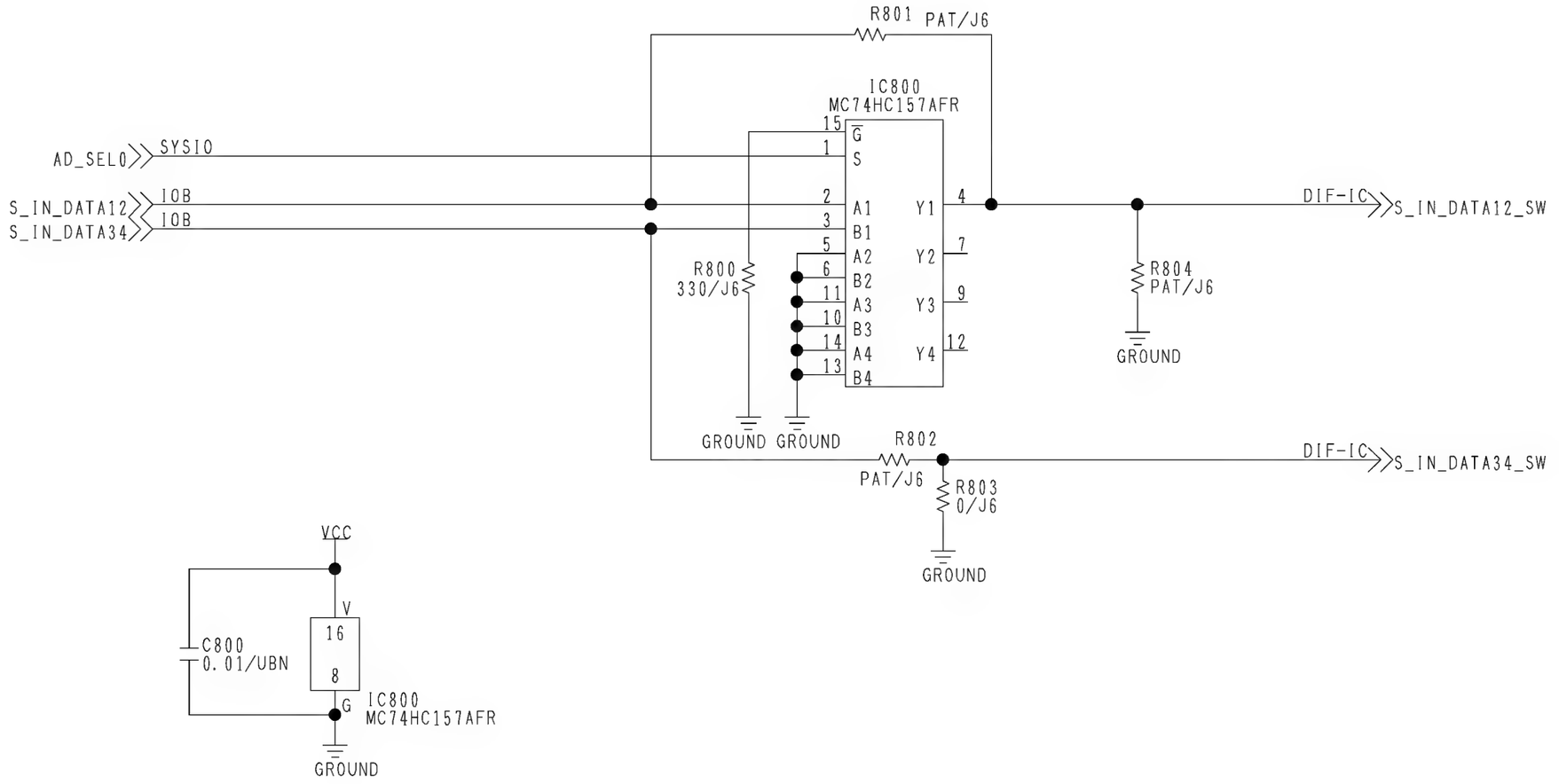

IC650 PAT/MC74HC157AFR
IC651 EPF10K20TC-4
IC652 MSM417800DJ6
IC653 VS12999
P650 PAT/CL619-0002-0
IC654 S8077GAMOPT1
IC650 PAT/MC74HC157AFR
AV_ADL[0-7]
AV_ADRS[0-3]
MSUB_CS
NSTD_L
INH_A
CK45
EE_SW_IN12
TDLY_IN12
EE_SW_OUT12
CK4RS_R
CK4RS_V
CK4RSM
EETH_DATA12
EETH_DATA34
CK12K_R
CK12K_V
CK12M
FS_0
FS_J1
FS_J2
I_APBFRM2
OREC_FRM
I_APBFRM1
FS256_S
PCON_L
AESIM12
(JUMPER)
RAM_DATA[0-7]
RAM_ADR[0-10]
MEM_OUT
MSUB_L
VJ53D96398
IS653
EPC1441PC8
REF: C:650-659
R:650-704
P:650
IC:650-654
IS:653
TP:650-663
CP:650-653
COMPONENT NAME
A PROC (A MEM)
14/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM148



REF: C:720-727
R:720-728
X:720-721
IC:720-723

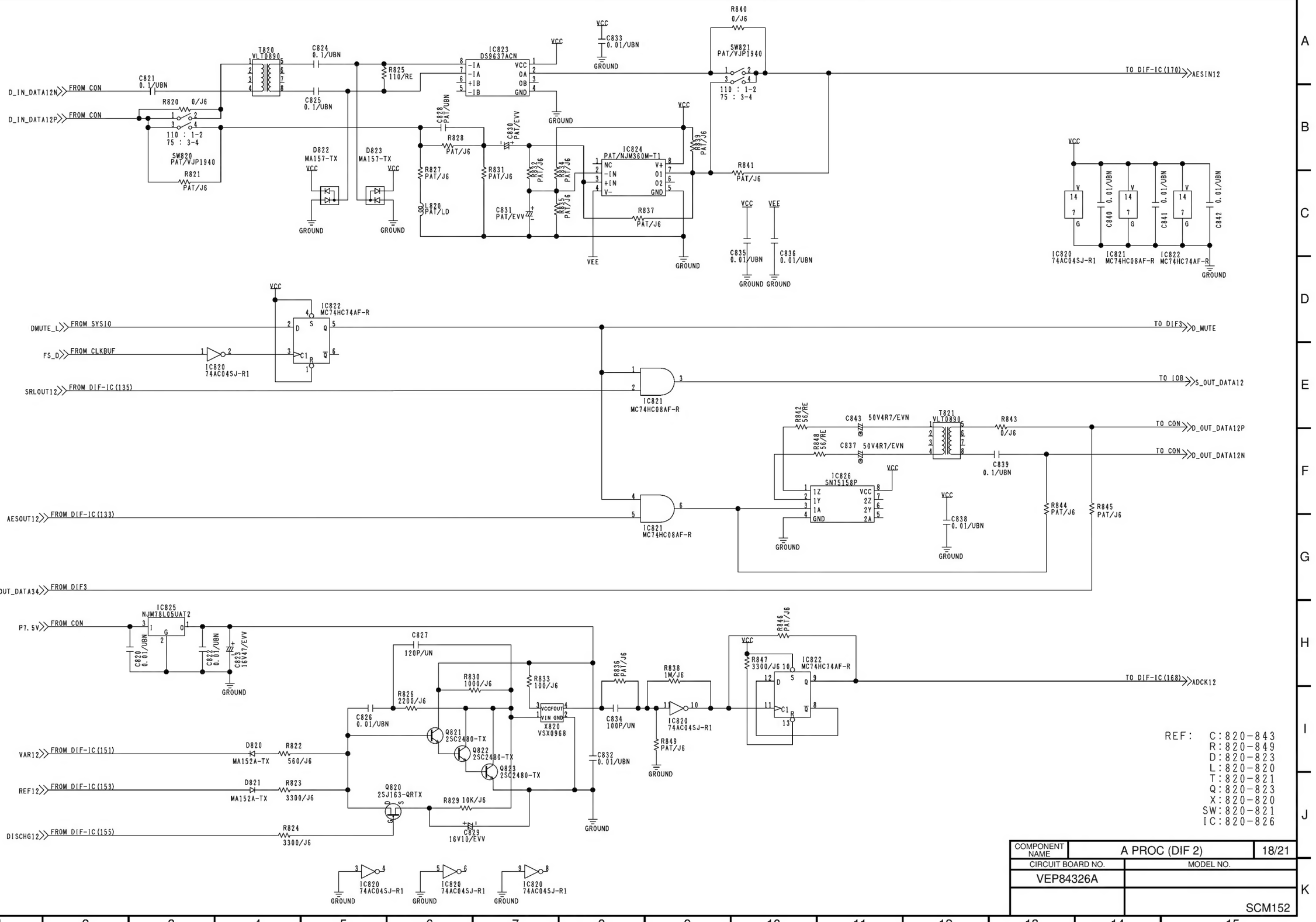
COMPONENT NAME	A PROC (REC SRC)	15/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP84326A		
		SCM149

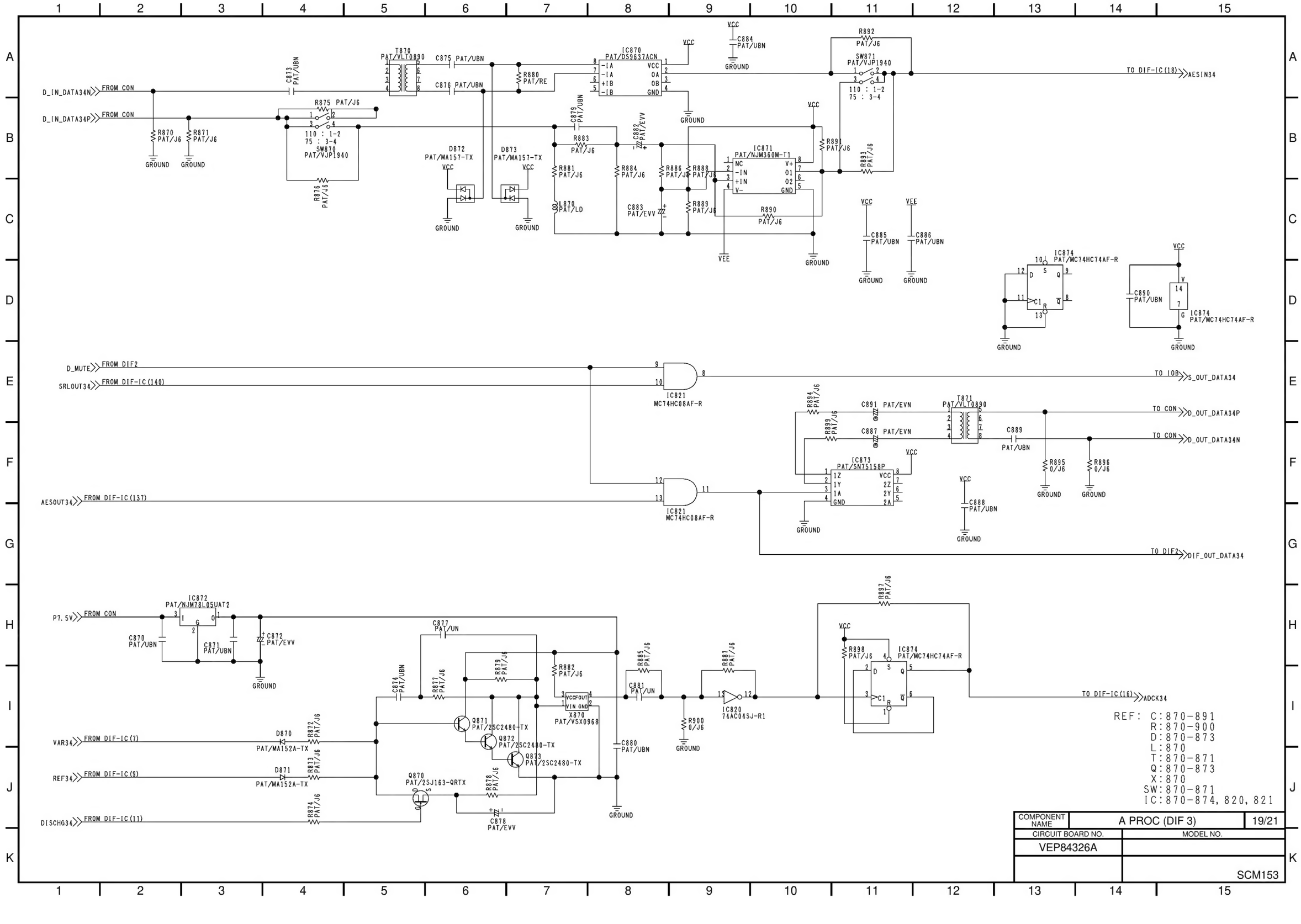

C750 0.01/UBN
C751 0.01/UBN
C752 0.01/UBN
GROUND
VCC
DRAM_RST
FROM SYSIO
TBC_DADR[0-8]
IC750
MB621926
IC751
MB814400C70L
TDLY_OUT12
TDLY_OUT34
TO REC_SRC
R752 0/J6
R754 0/J6
R750 PAT/J6
R753 PAT/J6
TDLY_IN12
TDLY_IN34
FROM FIFOCNT, AMEM
FROM FIFOCNT
R751 PAT/J6
R755 330/J6
R756 330/J6
FS64_12
FS256_3
FROM CLKBUFF
R757 PAT/J6
R759 PAT/J6
R761 PAT/J6
R763 10K/J6
R765 10K/J6
R767 10K/J6
R769 10K/J6
R771 10K/J6
R773 10K/J6
R775 10K/J6
R777 10K/J6
R779 10K/J6
R758 10K/J6
R760 10K/J6
R762 10K/J6
R764 PAT/J6
R766 PAT/J6
R768 PAT/J6
R770 PAT/J6
R772 PAT/J6
R774 PAT/J6
R776 PAT/J6
R778 PAT/J6
R780 PAT/J6
TBC_DLY[0-11]
SW750
PAT/VSS0367-04TB
SW751
VSS0367-08TB
REF: C:750-752
R:750-780
IC:750-751
SW:750-751
COMPONENT NAME
A PROC (TBC DLY)
16/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM150

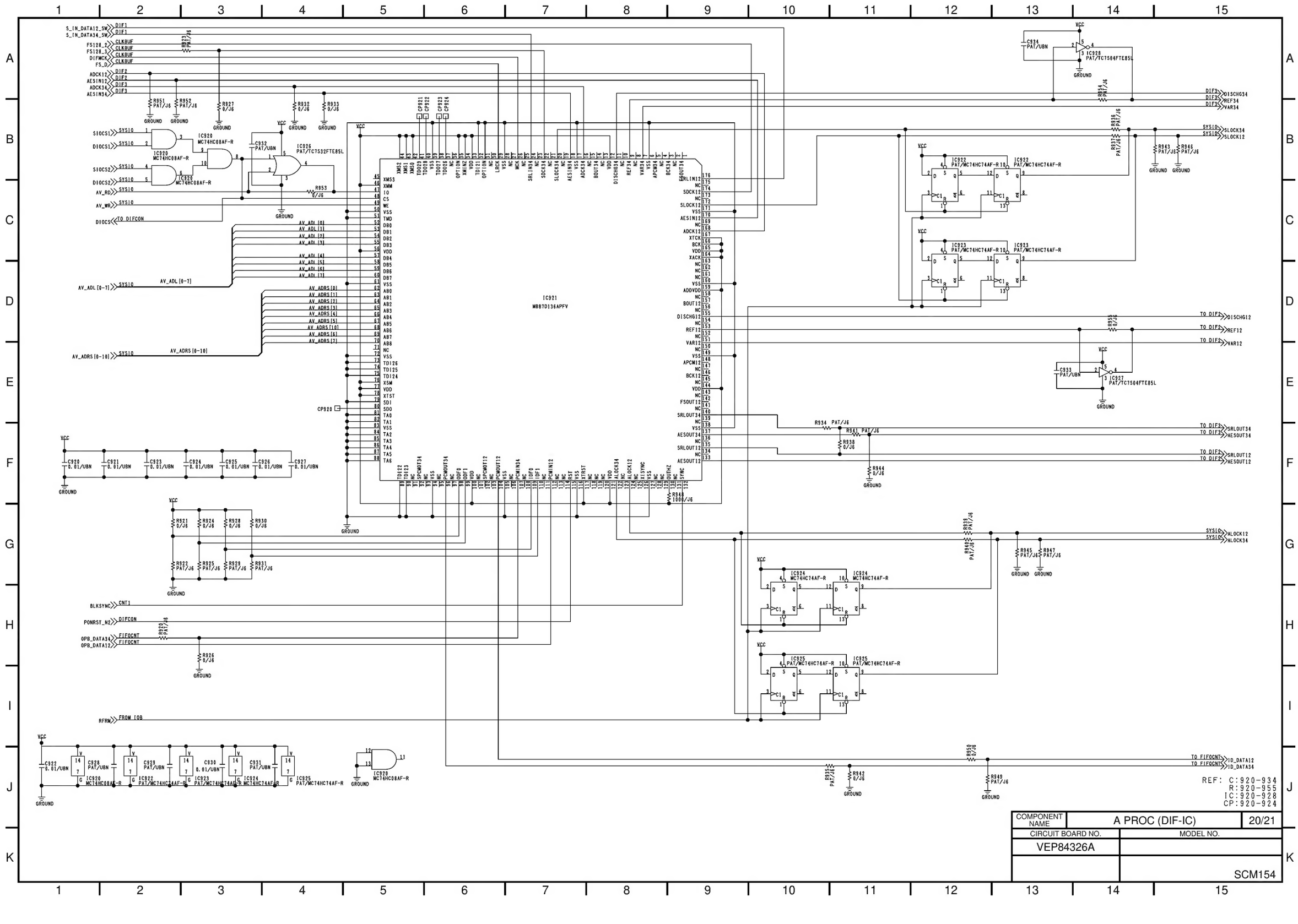


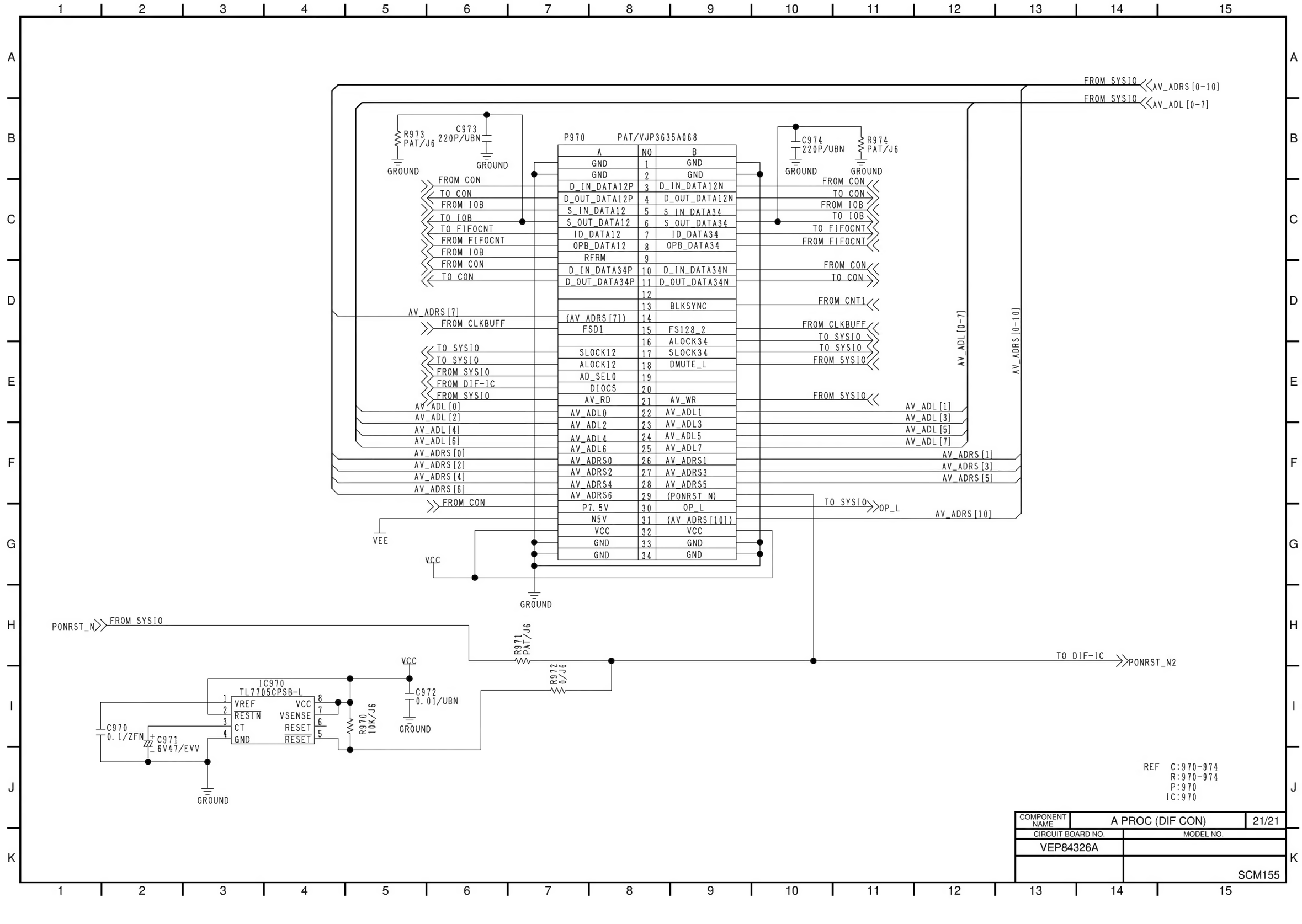
REF: C:800
R:800-804
IC:800

COMPONENT NAME	A PROC (DIF 1)	17/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP84326A		
		SCM151


D_IN_DATA12N FROM CON
D_IN_DATA12P FROM CON
T820 VLT0890
C821 0.1/UBN
C824 0.1/UBN
C825 0.1/UBN
R820 0/J6
110 : 1-2
75 : 3-4
SW820 PAT/VJP1940
R821 PAT/J6
R825 110/RE
IC823 DS9637ACN
VCC
GROUND
C833 0.01/UBN
R840 0/J6
SW821 PAT/VJP1940
TO DIF-IC(170) AESIN12
D822 MA157-TX
D823 MA157-TX
C828 PAT/UBN
R828 PAT/J6
C830 PAT/EVV
R827 PAT/J6
R831 PAT/J6
L820 PAT/LD
C831 PAT/EVV
R832 PAT/J6
R834 PAT/J6
R835 PAT/J6
IC824 PAT/NJM360M-T1
R839 PAT/J6
R841 PAT/J6
R837 PAT/J6
VEE
C835 0.01/UBN
C836 0.01/UBN
GROUND GROUND
IC820 74AC04SJ-R1
IC821 MC74HC08AF-R
IC822 MC74HC74AF-R
C840 0.01/UBN
C841 0.01/UBN
C842 0.01/UBN
DMUTE_L FROM SYSIO
FS_D FROM CLKBUF
SRLOUT12 FROM DIF-IC(135)
TO DIF3 D_MUTE
TO IOB S_OUT_DATA12
AESOUT12 FROM DIF-IC(133)
R842 56/RE
R848 56/RE
C843 50V4R7/EVN
C837 50V4R7/EVN
T821 VLT0890
R843 0/J6
C839 0.1/UBN
TO CON D_OUT_DATA12P
TO CON D_OUT_DATA12N
IC826 SN75158P
C838 0.01/UBN
R844 PAT/J6
R845 PAT/J6
DIF_OUT_DATA34 FROM DIF3
P7.5V FROM CON
IC825 NJM78L05UAT2
C820 0.01/UBN
C822 0.01/UBN
C823 16V47/EVV
C827 120P/UN
R830 1000/J6
R826 2200/J6
R833 100/J6
C826 0.01/UBN
X820 VSX0968
C834 100P/UN
R836 PAT/J6
R838 1M/J6
R849 PAT/J6
R846 PAT/J6
R847 3300/J6
TO DIF-IC(168) ADCK12
VAR12 FROM DIF-IC(151)
REF12 FROM DIF-IC(153)
DISCHG12 FROM DIF-IC(155)
D820 MA152A-TX
D821 MA152A-TX
R822 560/J6
R823 3300/J6
R824 3300/J6
Q820 2SJ163-QRTX
Q821 2SC2480-TX
Q822 2SC2480-TX
Q823 2SC2480-TX
R829 10K/J6
C829 16V10/EVV
C832 0.01/UBN
REF: C:820-843
R:820-849
D:820-823
L:820-820
T:820-821
Q:820-823
X:820-820
SW:820-821
IC:820-826
COMPONENT NAME
A PROC (DIF 2)
18/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM152


D_IN_DATA34N
FROM CON
D_IN_DATA34P
FROM CON
C873 PAT/UBN
T870 PAT/VLT0890
C875 PAT/UBN
C876 PAT/UBN
R880 PAT/RE
IC870 PAT/DS9637ACN
-IA
-IA
+IB
-IB
VCC
OA
OB
GND
C884 PAT/UBN
GROUND
R892 PAT/J6
SW871 PAT/VJP1940
110 : 1-2
75 : 3-4
TO DIF-IC(18)
AESIN34
R875 PAT/J6
R870 PAT/J6
R871 PAT/J6
SW870 PAT/VJP1940
110 : 1-2
75 : 3-4
R876 PAT/J6
C879 PAT/UBN
C882 PAT/EVV
R883 PAT/J6
D872 PAT/MA157-TX
D873 PAT/MA157-TX
L870 PAT/LD
R881 PAT/J6
R884 PAT/J6
R886 PAT/J6
R888 PAT/J6
C883 PAT/EVV
R889 PAT/J6
IC871 PAT/NJM360M-T1
NC
-IN
+IN
V-
V+
O1
O2
R890 PAT/J6
R891 PAT/J6
R893 PAT/J6
C885 PAT/UBN
C886 PAT/UBN
VEE
IC874 PAT/MC74HC74AF-R
C890 PAT/UBN
D_MUTE
FROM DIF2
SRLOUT34
FROM DIF-IC(140)
IC821 MC74HC08AF-R
TO IOB
S_OUT_DATA34
AESOUT34
FROM DIF-IC(137)
R894 PAT/J6
C891 PAT/EVN
C887 PAT/EVN
T871 PAT/VLT0890
C889 PAT/UBN
TO CON
D_OUT_DATA34P
TO CON
D_OUT_DATA34N
R889 PAT/J6
IC873 PAT/SN75158P
1Z
1Y
1A
GND
VCC
2Z
2Y
2A
C888 PAT/UBN
R895 0/J6
R896 0/J6
TO DIF2
DIF_OUT_DATA34
IC872 PAT/NJM78L05UAT2
P7.5V
FROM CON
C870 PAT/UBN
C871 PAT/UBN
C872 PAT/EVV
C877 PAT/UN
C874 PAT/UBN
R877 PAT/J6
R879 PAT/J6
R882 PAT/J6
R885 PAT/J6
R887 PAT/J6
R898 PAT/J6
C881 PAT/UN
VCCFOUT
VIN GND
X870 PAT/VSX0968
IC820 74AC045J-R1
R900 0/J6
TO DIF-IC(16)
ADCK34
VAR34
FROM DIF-IC(7)
REF34
FROM DIF-IC(9)
DISCHG34
FROM DIF-IC(11)
D870 PAT/MA152A-TX
D871 PAT/MA152A-TX
R872 PAT/J6
R873 PAT/J6
R874 PAT/J6
Q871 PAT/2SC2480-TX
Q872 PAT/2SC2480-TX
Q873 PAT/2SC2480-TX
Q870 PAT/2SJ163-QRTX
R878 PAT/J6
C878 PAT/EVV
C880 PAT/UBN
REF: C:870-891
R:870-900
D:870-873
L:870
T:870-871
Q:870-873
X:870
SW:870-871
IC:870-874, 820, 821
COMPONENT NAME
A PROC (DIF 3)
19/21
CIRCUIT BOARD NO.
VEP84326A
MODEL NO.
SCM153


IC921
MB87D136APFV
IC920 MC74HC08AF-R
IC922 PAT/MC74HC74AF-R
IC923 PAT/MC74HC74AF-R
IC924 MC74HC74AF-R
IC925 PAT/MC74HC74AF-R
IC926 PAT/TC7S32FTE85L
IC927 PAT/TC7S04FTE85L
IC928 PAT/TC7S04FTE85L
S_IN_DATA12_SW
S_IN_DATA34_SW
FS128_2
FS128_3
DIFMCK
FS_D
ADCK12
AESIN12
ADCK34
AESIN34
AV_RD
AV_WR
DIOCS
TO DIFCON
AV_ADL [0-7]
AV_ADRS [0-10]
BLKSYNC
PONRST_N2
DIFCON
FIFOCNT
OPB_DATA34
OPB_DATA12
RFRM
FROM IO8
SYSIO
GROUND
VCC
REF: C:920-934
R:920-955
IC:920-928
CP:920-924
COMPONENT NAME
A PROC (DIF-IC)
20/21
CIRCUIT BOARD NO.
MODEL NO.
VEP84326A
SCM154


R973 PAT/J6
C973 220P/UBN
GROUND
GROUND
P970 PAT/VJP3635A068
A NO B
GND 1 GND
GND 2 GND
D_IN_DATA12P 3 D_IN_DATA12N
D_OUT_DATA12P 4 D_OUT_DATA12N
S_IN_DATA12 5 S_IN_DATA34
S_OUT_DATA12 6 S_OUT_DATA34
ID_DATA12 7 ID_DATA34
OPB_DATA12 8 OPB_DATA34
RFRM 9
D_IN_DATA34P 10 D_IN_DATA34N
D_OUT_DATA34P 11 D_OUT_DATA34N
12
13 BLKSYNC
(AV_ADRS[7]) 14
FSD1 15 FS128_2
16 ALOCK34
SLOCK12 17 SLOCK34
ALOCK12 18 DMUTE_L
AD_SEL0 19
DIOCS 20
AV_RD 21 AV_WR
AV_ADL0 22 AV_ADL1
AV_ADL2 23 AV_ADL3
AV_ADL4 24 AV_ADL5
AV_ADL6 25 AV_ADL7
AV_ADRS0 26 AV_ADRS1
AV_ADRS2 27 AV_ADRS3
AV_ADRS4 28 AV_ADRS5
AV_ADRS6 29 (PONRST_N)
P7.5V 30 OP_L
N5V 31 (AV_ADRS[10])
VCC 32 VCC
GND 33 GND
GND 34 GND
C974 220P/UBN
R974 PAT/J6
GROUND
GROUND
FROM SYSIO AV_ADRS[0-10]
FROM SYSIO AV_ADL[0-7]
FROM CON
TO CON
FROM IOB
TO IOB
TO FIFOCNT
FROM FIFOCNT
FROM IOB
FROM CON
TO CON
AV_ADRS[7]
FROM CLKBUFF
TO SYSIO
TO SYSIO
FROM SYSIO
FROM DIF-IC
FROM SYSIO
AV_ADL[0]
AV_ADL[2]
AV_ADL[4]
AV_ADL[6]
AV_ADRS[0]
AV_ADRS[2]
AV_ADRS[4]
AV_ADRS[6]
FROM CON
VEE
VCC
GROUND
FROM CON
TO CON
FROM IOB
TO IOB
TO FIFOCNT
FROM FIFOCNT
FROM CON
TO CON
FROM CNT1
FROM CLKBUFF
TO SYSIO
TO SYSIO
FROM SYSIO
FROM SYSIO
AV_ADL[1]
AV_ADL[3]
AV_ADL[5]
AV_ADL[7]
AV_ADRS[1]
AV_ADRS[3]
AV_ADRS[5]
TO SYSIO OP_L
AV_ADRS[10]
AV_ADL[0-7]
AV_ADRS[0-10]
PONRST_N FROM SYSIO
R971 PAT/J6
R972 0/J6
TO DIF-IC PONRST_N2
VCC
IC970 TL7705CPSB-L
VREF VCC
RESIN VSENSE
CT RESET
GND RESET
C970 0.1/ZFN
C971 6V47/EVV
R970 10K/J6
C972 0.01/UBN
GROUND
GROUND
REF C:970-974
R:970-974
P:970
IC:970
COMPONENT NAME
A PROC (DIF CON)
21/21
CIRCUIT BOARD NO.
MODEL NO.
VEP84326A
SCM155